AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF THE CLAIMS

1. (Currently Amended) A ~~recording medium~~ <u>disc</u> having a data structure for managing reproduction of at least one still image by a reproducing apparatus, comprising:

a first navigation area storing a playlist file, the playlist file including at least one playitem, the at least one playitem indicating an in-point and out-point ~~of~~ at which the reproducing apparatus is to reproduce a clip stream file, the clip stream file including video data to display the at least one still image, the at least one playitem including first duration information indicating whether the reproducing apparatus is to display the at least one still image for one of a finite and an infinite period of time; and

a second navigation area storing a clip information file, the clip information file including mapping information between a presentation time and a unit of the clip stream file, such that the unit clip stream file is presented by the reproducing apparatus at the presentation time.

2-3. (Canceled)

4. (Currently Amended) The ~~recording medium~~ disc of claim 1, wherein the playitem includes an indicator indicating whether to display a still image.

5. (Canceled)

6. (Currently Amended) The ~~recording medium~~ disc of claim 1, wherein the playitem includes an indicator indicating a file name of the clip information file associated with the clip stream file.

7. (Currently Amended) The ~~recording medium~~ disc of claim 6, wherein the playitem includes an indicator indicating an STC id for a portion of the clip stream file indicated by the clip information file name.

8. (Currently Amended) The ~~recording medium~~ disc of claim 1, wherein the playlist file further includes at least one playlist mark pointing to the still image in the clip stream file.

9-11. (Canceled)

12. (Currently Amended) The ~~recording medium~~ disc of claim 1, wherein the playitem includes a second duration information indicating a length of time

to display the still image when the first duration information indicates to display the still image for a finite period of time.

13. (Canceled)

14. (Currently Amended) The ~~recording medium~~ <u>disc</u> of claim 1, wherein the clip stream file having video data includes at least one of an I picture, B picture and P picture and the first navigation file indicates to display the at least one of the I picture, B picture and P picture in the clip file as the still image.

15. (Canceled)

16. (Previously Presented) A method of reproducing at least one still image from a recording medium, comprising:

reproducing a playlist file and a clip information file, the playlist file including at least one playitem, the at least one playitem indicating an in-point and out-point of a clip stream file, the clip stream file including video data to display the at least one still image, the at least one playitem including first duration information indicating whether to display the at least one still image for one of a finite and an infinite period of time, the clip information file including mapping information between a presentation time and a unit of the clip stream file.

17. (Canceled)

18. (Previously Presented) An apparatus for reproducing at least one still image recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording medium;

a controller configured to control the pick up to reproduce a playlist file and a clip information file, the playlist file including at least one playitem, the at least one playitem indicating an in-point and an out-point of a clip stream file, the clip stream file including video data to display the at least one still image, the at least one playitem including first duration information indicating whether to display the at least one still image for one of a finite and an infinite period of time, the clip information file including mapping information between a presentation time and a unit of the clip stream file.

19. (Previously Presented) A method of recording a data structure for managing reproduction of at least one still image, comprising:

recording a playlist file including at least one playitem, the at least one playitem indicating an in-point and an out-point of a clip stream file including video data to display the at least one still image, the at least one playitem including first duration information indicating whether to display the at least one still image for one of a finite and an infinite period of time; and

recording a clip information file including mapping information between a presentation time and a unit of the clip stream file.

20. (Currently Amended) An apparatus for recording at least one still image ~~recorded~~ on a recording medium, comprising:

a pick up configured to record data on the recording medium; and

a controller configured to control the pick up to record a playlist file and a clip information file, the playlist file including at least one playitem, the at least one playitem indicating an in-point and out-point of a clip stream file including video data to display the at least one still image, the at least one playitem including first duration information whether to display the at least one still image for one of a finite and an infinite period of time, the clip information file including mapping information between a presentation time and a unit of the clip stream file.

21. (Canceled)

22. (Previously Presented) The method of claim 16, wherein the playitem includes an indicator indicating whether to display a still image.

23. (Canceled)

24. (Previously Presented) The method of claim 16, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

25. (Previously Presented) The method of claim 16, wherein the clip stream file having video data includes at least one of an I picture, B picture and P picture and the first navigation file indicates to display the at least one of an I picture, B picture and P picture in the clip file as the still image.

26. (Canceled)

27. (Previously Presented) The apparatus of claim 18, wherein the playitem includes an indicator indicating whether to display a still image.

28. (Canceled)

29. (Previously Presented) The apparatus of claim 18, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

30. (Previously Presented) The apparatus of claim 18, wherein the clip stream file having video data includes at least one of an I picture, B picture and P picture and the first navigation file indicates to display the at least one of an I picture, B picture and P picture in the clip file as the still image.

31. (Canceled)

32. (Previously Presented) The method of claim 19, wherein the playitem includes an indicator indicating whether to display a still image.

33. (Canceled)

34. (Previously Presented) The method of claim 19, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

35. (Previously Presented) The method of claim 19, wherein the clip stream file having video data includes at least one of an I picture, B picture and P picture and the first navigation file indicates to display the at least one of an I picture, B picture and P picture in the clip file as the still image.

36. (Canceled)

37. (Previously Presented) The apparatus of claim 20, wherein the playitem includes an indicator indicating whether to display a still image.

38. (Canceled)

39. (Previously Presented) The apparatus of claim 20, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

40. (Previously Presented) The apparatus of claim 20, wherein the clip stream file having video data includes at least one of an I picture, B picture and P picture and the first navigation file indicates to display the at least one of an I picture, B picture and P picture in the clip file as the still image.

41. (New) The method of claim 16, wherein the recording medium is a read-only recording medium.

42. (New) The method of claim 16, wherein the recording medium is a recordable recording medium.

43. (New) The apparatus of claim 18, wherein the recording medium is a

read-only recording medium.

44. (New) The apparatus of claim 18, the recording medium is a recordable recording medium.

45. (New) The method of claim 16, further comprising:

reproducing the clip stream file based on the playlist file and the clip information file.

46. (New) The method of claim 19, further comprising:

recording the clip stream file including the video data to display the at least one still image.

47. (New) The apparatus of claim 18, wherein the controller is configured to control the pick up to reproduce the clip stream file based on the playlist file and the clip information file.

48. (New) The apparatus of claim 20, wherein the controller is configured to control the pick up to record the clip stream file including the video data to display the at least one still image.

49. (New) The apparatus of claim 18, further comprising:

a source depacketizer configured to depacketize source packets into

transport packets;

a demultiplexer configured to demultiplex the transport packets into encoded data; and

a decoder configured to decode the encoded data to an original data to be displayed.

50. (New) The apparatus of claim 20, further comprising:

an encoder configured to encode data;

a multiplexer configured to multiplex the encoded data to create at least one transport stream; and

a source packetizer configured to packetize transport packets into source packets.

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